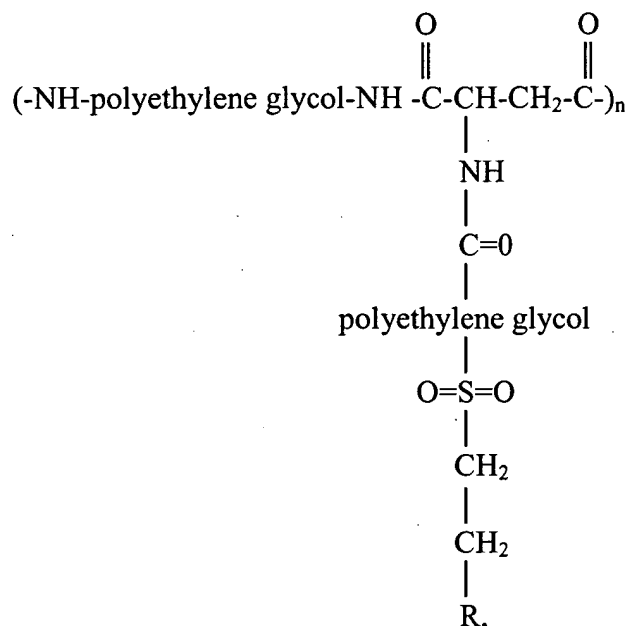


AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An immunological test kit comprising an one or more immunologically reactive substances connected to an immunologically invisible carrier unit, said immunologically invisible carrier unit comprising a polyethylene glycol copolymer units of the structure of:



wherein n represents the number of units connected in a chain, and R is ~~represents an attachment site~~ for the ~~one or more~~ immunologically reactive substances.

2. (Original) The test kit of claim 1, wherein said immunological test kit is an ELISA kit.

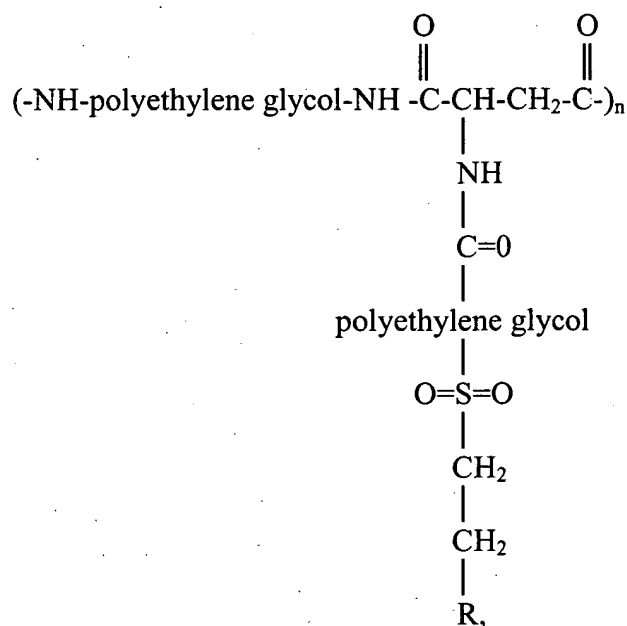
3. (Currently Amended) The test kit of claim 1, wherein said immunological test kit is an capillary immuno-chromatography capillary kit or a column immuno-chromatography kit.

4. (Cancelled)

5. (Currently Amended) The test kit of claim 1 wherein the ~~one or more~~ immunologically reactive substances comprises an epitope.

6. (Currently Amended) The test kit of claim 1 wherein the ~~one or more~~ immunologically reactive substances comprises an antibody.
7. (Currently Amended) The test kit of claim 1, wherein the ~~one or more~~ immunologically reactive substances comprises an antigen.
8. (Cancelled)
9. (Currently Amended) The test kit of claim 1, wherein the carrier consists of one to eight ~~two to two hundred~~ units.
10. (Currently Amended) The test kit of claim 1, wherein the carrier consists of three to eight ~~two to two hundred~~ units.
- 11-12. (Cancelled)
13. (Currently Amended) The test kit of claim 1, wherein the ~~one or more~~ immunologically reactive substances comprises an amino acid sequence selected from the group consisting of:
VQEGVQQEGAQQP-(beta-A)(beta-A)C; EIAAKAIGKKIHQNNG-(beta-A)(beta-A)C;
ISTLIKQKLDGLKNE-(beta-A)(beta-A)C; PVVAESPKKPE-(beta-A)(beta-A)C;
DKKAINLDKAQQKLD-(beta-A)(beta-A)C; ITKGKSQKSLGD-(beta-A)(beta-A)C; and
GMTFRAQEGAFLTG-(beta-A)(beta-A)C.
- 14-16. (Cancelled)

17. (Currently Amended) A composition of matter comprising an one or more immunologically reactive substances connected to an immunologically invisible carrier unit, said immunologically invisible carrier unit comprising a polyethylene glycol copolymer units of the structure of:



wherein n represents the number of units connected in a chain, and R is ~~represents an attachment site~~ for the ~~one or more~~ immunologically reactive substances.

18. (Cancelled)

19. (Currently Amended) The composition of matter of claim 17 ~~18~~, wherein the carrier consists of one to eight ~~two to two hundred~~ units.

20. (Currently Amended) The composition of matter of claim 17 ~~18~~, wherein the carrier consists of three to eight ~~two to two hundred~~ units.

21-24. (Cancelled)

25. (Currently Amended) The composition of matter of claim 17 18, wherein the ~~one or more~~ epitopes ~~comprise~~ immunologically reactive substance comprises an amino acid sequence selected from the group consisting of:

VQEGVQQEGAQQP-(beta-A)(beta-A)C; EIAAKAIGKKIHQNNG-(beta-A)(beta-A)C;
ISTLIKQKLDGLKNE-(beta-A)(beta-A)C; PVVAESPKKPE-(beta-A)(beta-A)C;
DKKAINLDKAQQKLD-(beta-A)(beta-A)C; ITKGKSQKSLGD-(beta-A)(beta-A)C; and
GMTFRAQEGAFLTG-(beta-A)(beta-A)C.

26-28. (Cancelled)

29. (New) The test kit of claim 1, wherein each unit of the chain carries the same immunologically reactive substance.

30. (New) The test kit of claim 1, wherein each unit of the chain optionally carries a different immunologically reactive substance.

31. (New) The test kit of claim 1, wherein the immunologically invisible carrier unit further comprises a reporter moiety.

32. (New) The test kit of claim 31, wherein the reporter moiety is biotin.

33. (New) The test kit of claim 13, wherein each unit of the chain carries the same immunologically reactive substance.

34. (New) The test kit of claim 13, wherein each unit of the chain optionally carries a different immunologically reactive substance.

35. (New) The composition of matter of claim 17, wherein the immunologically reactive substance comprises an epitope.

36. (New) The composition of matter of claim 17, wherein the immunologically reactive substance comprises an antibody.

37. (New) The composition of matter of claim 17, wherein the immunologically reactive substance comprises an antigen.
38. (New) The composition of matter of claim 17, wherein each unit of the chain carries the same immunologically reactive substance.
39. (New) The composition of matter of claim 17, wherein each unit of the chain optionally carries a different immunologically reactive substance.
40. (New) The composition of matter of claim 17, wherein the immunologically invisible carrier unit further comprises a reporter moiety.
41. (New) The composition of matter of claim 40, wherein the reporter moiety is biotin.
42. (New) The composition of matter of claim 25, wherein each unit of the chain carries the same immunologically reactive substance.
43. (New) The composition of matter of claim 25, wherein each unit of the chain optionally carries a different immunologically reactive substance.